Alcohol-Related Crashes (2012)

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Alcohol-Related Fatal Crashes & Fatalities Five-Year Trend	2008	2009	2010	2011	2012
Alcohol-Related Fatal Crashes	232	190	227	220	242
Total Fatal Crashes	673	646	616	609	642
Alcohol-Related Fatal Crashes as Percentage of Total Fatal Crashes	34.5%	29.4%	36.9%	36.1%	37.7%
Fatalities in Alcohol-Related Crashes	266	209	245	244	261
Total Fatalities	751	737	668	696	708
Alcohol-Related Fatalities as Percentage of Total Fatalities	35.4%	28.4%	36.7%	35.1%	36.9%

Crashes

- In 2012, there were 4,291 alcohol-related crashes in Oklahoma. This represents 6.1% of the total reported crashes of 70,669.
- Alcohol-related crashes in 2012 resulted in 261 fatalities—an increase of 7.0% over the 244 fatalities in 2011.
- There were 2,892 persons injured in 2012 alcohol-related crashes—a decrease of 8.4% from the 3,156 persons injured in 2011.
- In 2012, the statewide alcohol-related fatality rate was .55 per 100 million vehicle miles traveled, an increase from .51 in 2011.

Fatalities

Of the 261 alcohol-related fatalities in 2012, 223 were drivers, 35 were passengers and three were pedestrians.

Of the 258 vehicle occupants killed in alcohol-related crashes, 46.1% were occupants of passenger vehicles, 33.7% were occupants of pickup trucks and 17.4% were occupants of motorcycles.

- Alcohol-related fatal crashes increased 10.0% from 220 in 2011 to 242 in 2012.
- 37.7% of fatal crashes in 2012 were alcohol-related.
- In 2012, nearly three times as many male as female drivers had an alcohol-related driver condition.

Vehicle Occupant Fatalities (2012) In Alcohol-Related Crashes	Person Type		
Vehicle Type	Driver	Passenger	Total
Passenger Vehicle	95	24	119
Pickup Truck	80	7	87
Single Unit Truck	1		1
Truck-tractor/Trailer(s)	1		1
Motorcycle	41	4	45
ATV	4		4
Other	1		1
Total	223	35	258

Fatalities by Age, Sex & Person Type

The table to the right shows fatalities in alcohol-related crashes in 2012 by age, sex and person type. Some 85.4% of the fatalities in alcohol-related crashes were drivers, 13.4% were passengers and less than one percent was pedestrians.

Of the 223 driver fatalities in alcohol-related crashes, 15.7% were age 26-30, 13.5% were age 21-25 and 12.1% were age 41-45.

Some 82.5% of the driver fatalities in alcohol-related crashes were male.

Fatalities & Restraint Use

Restraint use was known for 196 of occupant fatalities in passenger vehicles/pickup trucks in alcohol-related crashes in 2012. Of the 196 fatalities with known restraint use, 66.3% were unrestrained.

Comparison of occupant fatalities shows that occupants of pickup trucks are more likely to be unrestrained than occupants of passenger vehicles —62.3% of occupants in passenger vehicles compared to 72.0% of occupants in pickup trucks.

Fatalities in Alcohol-Related Crashes (2012)
Person Age, Person Sex and Person Type

	Person Type											
	Driver			Pedestrian			Passenger			Total		
Fatality Age	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total
Unknown		1	1								1	1
Under 16												
16 - 20	2	12	14		1	1	2	3	5	4	16	20
21 - 25	5	25	30					6	6	5	31	36
26 - 30	10	25	35	1		1	1	3	4	12	28	40
31 - 35	5	18	23				1	2	3	6	20	26
36 - 40		20	20					1	1		21	21
41 - 45	3	24	27				1		1	4	24	28
46 - 50	2	10	12				4	3	7	6	13	19
51 - 55	4	17	21				1		1	5	17	22
56 - 60	3	10	13		1	1	3		3	6	11	17
61 - 65		12	12				1	1	2	1	13	14
66 - 70	1	4	5							1	4	5
71 - 75	1	2	3							1	2	3
76 - 80	2		2				1		1	3		3
81 - 85	1	3	4				1		1	2	3	5
86 - 90		1	1								1	1
91 - 95												
96+												
Total	39	184	223	1	2	3	16	19	35	56	205	261

Fatalities in Alcohol-Related Crashes (2012)
Passenger Vehicle/Pickup Truck Occupants
Persons Type, Vehicle Type, & Known Restraitn Use

	Type of Vehicle								
	Passenger Vehicle			Pickup Truck			Total		
	Restraint Use			Restraint Use			Restraint Use		
	Not In Use	In Use	Total	Not In Use	In Use	Total	Not In Use	In Use	Total
Driver	60	32	92	52	23	75	112	55	167
Passenger	11	11	22	7	0	7	18	11	29
Total	71	43	114	59	23	82	130	66	196

Motorcyclist Fatalities & Helmet Use

Helmet use was known for 39 of the 45 motorcyclists killed in alcohol-related crashes in 2012. Of these 39 motorcyclists, 74.4% were not wearing a helmet.

Motorcyclist Fatalities (2012)
In Alcohol-Related Crashes
By Person Type & Known Helmet Use

Person Type	Not Helmeted	Helmeted	Total
Operator	26	10	36
Passenger	3		3
Total	29	10	39

Drivers/Operators with Alcohol-Related Condition

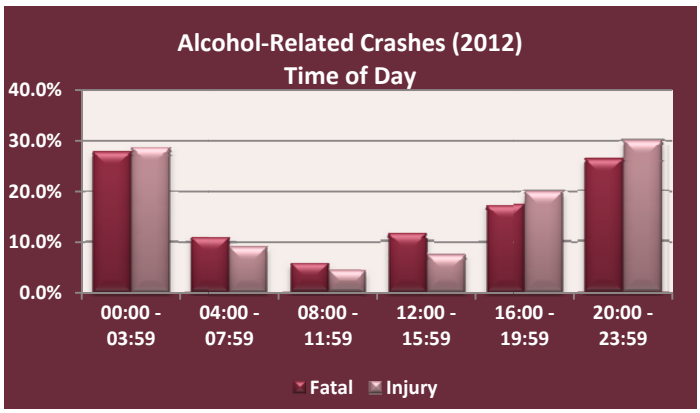
In 2012, there were 4,330 drivers with an alcohol-related condition involved in crashes. This represents 3.4% of the 129,238 total drivers involved in crashes. Nearly three times as many male as female drivers/operators involved in crashes had an alcohol-related condition. Age group 21-25 (20.2%) had the highest percentage of drivers, followed by age group 26-30 (15.7%) and age group 31-35 (13.1%).

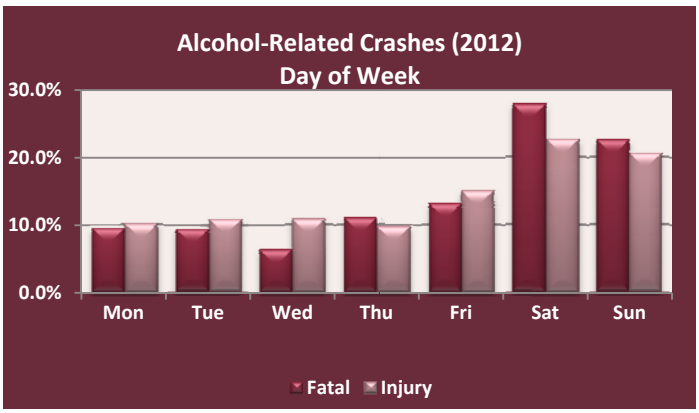
Drivers/Operators with Alcohol Condition in Crashes (2012)
Driver Age & Driver Sex

	Person Sex							
	Unknown		Female		Male		Total	
Unknown	10	100.0%	2	0.2%	15	0.5%	27	0.6%
Under 16			1	0.1%	6	0.2%	7	0.2%
16 - 20			96	8.6%	331	10.3%	427	9.9%
21 - 25			235	21.1%	641	20.0%	876	20.2%
26 - 30			170	15.3%	511	15.9%	681	15.7%
31 - 35			155	13.9%	411	12.8%	566	13.1%
36 - 40			104	9.4%	282	8.8%	386	8.9%
41 - 45			94	8.5%	251	7.8%	345	8.0%
46 - 50			103	9.3%	237	7.4%	340	7.9%
51 - 55			68	6.1%	252	7.9%	320	7.4%
56 - 60			41	3.7%	113	3.5%	154	3.6%
61 - 65			18	1.6%	88	2.7%	106	2.4%
66 - 70			9	0.8%	30	0.9%	39	0.9%
71 - 75			3	0.3%	19	0.6%	22	0.5%
76 - 80			8	0.7%	12	0.4%	20	0.5%
81 - 85			3	0.3%	8	0.2%	11	0.3%
86 - 90			2	0.2%	1	0.0%	3	0.1%
91 - 95								
96+								
Total	10	100.0%	1112	100.0%	3208	100.0%	4330	100.0%

Crashes by Time & Day of Week

Alcohol-related crashes typically occur during late evening and early morning hours, and the year 2012 is no exception. Fatal and injury alcohol-related crashes occurred more often between 4:00 p.m. (16:00) and 3:59 a.m. (03:59). Fatal and injury alcohol-related crashes occurred more often on Saturday and Sunday.

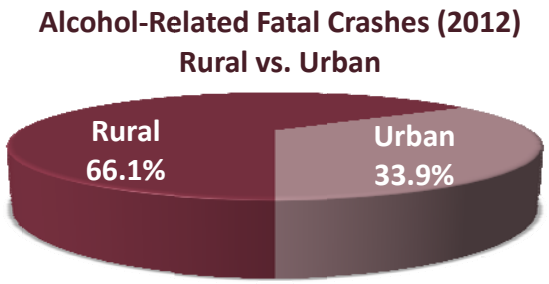


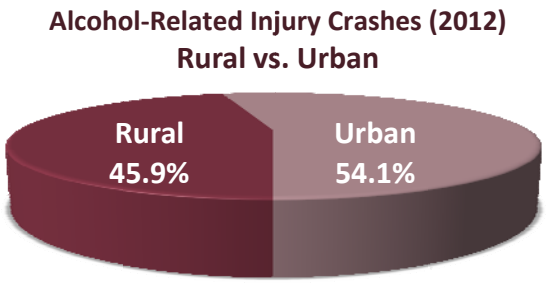


Rural vs. Urban

Fatal crashes typically occur in rural areas, and alcohol-related fatal crashes are no exception. In 2012, 66.1% of alcohol-related fatal crashes occurred in rural areas compared to 64.5% of all fatal crashes.

Injury crashes typically occur more often in urban areas; however, the percentage of alcohol-related injury crashes in urban areas is considerably lower when compared to injury crashes in 2012. In 2012, 54.1% of alcohol-related injury crashes occurred in urban areas compared to 72.8% of all injury crashes.





Number of Vehicles Involved in Crashes

In 2012, 66.9% of alcohol-related fatal crashes involved one vehicle, 27.7% involved two vehicles and 5.4% involved three or more vehicles. Of the alcohol-related injury crashes, 54.7% involved one vehicle, 38.4% involved two vehicles and 6.8% involved three or more vehicles.

Alcohol-Related Crashes (2012)
Crash Injury Severity & Number of Vehicles Involved

	Number of Vehicles Involved in Crash				
Crash Injury Severity	1 Vehicle	2 Vehicles	3 Vehicles	4 + Vehicles	Total
Fatal	162	67	9	4	242
Incapacitating	266	115	18	2	401
Non-incapacitating	475	278	40	8	801
Possible	291	331	49	12	683
None	1098	981	75	10	2164
Total	2292	1772	191	36	4291

Alcohol-Related Fatality & Injury Rates by County (2012)
Rates by Population and Vehicles Miles Traveled (VMT)

County	2012 Population	2012 VMT	Number of Fatalities	Fatality Rate per 5,000 Population	Fatality Rate per 100 Million VMT	Number of Injured	Injury Rate per 5,000 Population	Injury Rate per 100 Million VMT
Adair	22,286	151,606,378	3	0.67	1.98	9	2.02	5.94
Alfalfa	5,666	95,290,550				7	6.18	7.35
Atoka	14,007	374,187,535				8	2.86	2.14
Beaver	5,591	153,960,245	1	0.89	0.65	3	2.68	1.95
Beckham	23,081	427,826,600	2	0.43	0.47	12	2.60	2.80
Blaine	9,785	143,775,956	2	1.02	1.39	9	4.60	6.26
Bryan	43,399	576,725,057	5	0.58	0.87	22	2.53	3.81
Caddo	29,678	433,055,575	4	0.67	0.92	27	4.55	6.23
Canadian	122,560	1,553,279,827	6	0.24	0.39	39	1.59	2.51
Carter	48,085	681,648,556	4	0.42	0.59	13	1.35	1.91
Cherokee	48,150	390,281,619	1	0.10	0.26	31	3.22	7.94
Choctaw	15,182	216,881,438	2	0.66	0.92	10	3.29	4.61
Cimarron	2,385	83,108,503				1	2.10	1.20
Cleveland	265,638	2,383,109,502	5	0.09	0.21	102	1.92	4.28
Coal	5,963	87,040,787	1	0.84	1.15	3	2.52	3.45
Comanche	126,390	1,082,695,124	5	0.20	0.46	58	2.29	5.36
Cotton	6,155	126,648,948				6	4.87	4.74
Craig	14,748	305,719,810	2	0.68	0.65	7	2.37	2.29
Creek	70,651	939,828,473	8	0.57	0.85	25	1.77	2.66
Custer	28,536	457,001,696	1	0.18	0.22	14	2.45	3.06
Delaware	41,441	383,595,115	11	1.33	2.87	38	4.58	9.91
Dewey	4,783	123,155,296	1	1.05	0.81	4	4.18	3.25
Ellis	4,104	90,690,597				6	7.31	6.62
Garfield	61,189	567,268,374	3	0.25	0.53	38	3.11	6.70
Garvin	27,297	564,900,590	2	0.37	0.35	12	2.20	2.12
Grady	53,118	643,782,613	7	0.66	1.09	30	2.82	4.66
Grant	4,516	95,385,063	1	1.11	1.05	2	2.21	2.10
Greer	6,082	54,970,748	1	0.82	1.82	3	2.47	5.46
Harmon	2,906	25,813,023						
Harper	3,676	86,832,405	1	1.36	1.15	1	1.36	1.15
Haskell	12,938	121,904,182	1	0.39	0.82	8	3.09	6.56
Hughes	13,836	149,768,165	3	1.08	2.00	8	2.89	5.34
Jackson	26,237	243,515,086				10	1.91	4.11
Jefferson	6,377	73,574,528				4	3.14	5.44
Johnston	11,003	118,659,525				11	5.00	9.27
Kay	45,831	584,270,640	4	0.44	0.68	25	2.73	4.28
Kingfisher	15,005	182,415,178	2	0.67	1.10	14	4.67	7.67
Kiowa	9,310	122,139,308	1	0.54	0.82	8	4.30	6.55
Latimer	11,019	116,898,962	2	0.91	1.71	9	4.08	7.70
LeFlore	49,873	540,265,251	4	0.40	0.74	21	2.11	3.89
Lincoln	34,189	548,282,122	3	0.44	0.55	17	2.49	3.10
Logan	43,666	456,415,984	8	0.92	1.75	14	1.60	3.07
Love	9,558	333,487,630	1	0.52	0.30	4	2.09	1.20
McClain	35,613	739,944,655	1	0.14	0.14	14	1.97	1.89

Alcohol-Related Fatality & Injury Rates by County (2012) Rates by Population and Vehicles Miles Traveled (VMT)								
County	2012 Population	2012 VMT	Number of Fatalities	Fatality Rate per 5,000 Population	Fatality Rate per 100 Million VMT	Number of Injured	Injury Rate per 5,000 Population	Injury Rate per 100 Million VMT
McCurtain	33,203	418,583,894	5	0.75	1.19	43	6.48	10.27
McIntosh	20,584	443,934,349	3	0.73	0.68	13	3.16	2.93
Major	7,683	167,858,430	1	0.65	0.60	7	4.56	4.17
Marshall	15,957	156,594,417	2	0.63	1.28	11	3.45	7.02
Mayes	41,168	606,657,901	4	0.49	0.66	19	2.31	3.13
Murray	13,663	235,343,777	2	0.73	0.85	2	0.73	0.85
Muskogee	70,596	903,950,481	5	0.35	0.55	32	2.27	3.54
Noble	11,522	371,407,958	1	0.43	0.27	6	2.60	1.62
Nowata	10,611	119,157,860	1	0.47	0.84	4	1.88	3.36
Okfuskee	12,358	192,603,769				9	3.64	4.67
Oklahoma	741,781	10,005,077,240	28	0.19	0.28	362	2.44	3.62
Okmulgee	39,625	480,516,835				18	2.27	3.75
Osage	47,917	365,480,654	4	0.42	1.09	23	2.40	6.29
Ottawa	32,236	521,678,279	3	0.47	0.58	20	3.10	3.83
Pawnee	16,474	233,772,711	1	0.30	0.43	14	4.25	5.99
Payne	78,399	725,910,974	4	0.26	0.55	41	2.61	5.65
Pittsburg	45,048	698,159,021	1	0.11	0.14	27	3.00	3.87
Pontotoc	37,958	404,239,686	1	0.13	0.25	18	2.37	4.45
Pottawatomie	70,760	780,068,645	5	0.35	0.64	26	1.84	3.33
Pushmataha	11,205	159,815,703	1	0.45	0.63	4	1.78	2.50
Roger Mills	3,774	91,503,763	3	3.97	3.28	3	3.97	3.28
Rogers	88,367	1,046,965,489	2	0.11	0.19	40	2.26	3.82
Seminole	25,450	367,885,164	3	0.59	0.82	13	2.55	3.53
Sequoyah	41,398	554,496,057	5	0.60	0.90	15	1.81	2.71
Stephens	44,779	418,851,720	5	0.56	1.19	20	2.23	4.77
Texas	21,498	315,712,258	2	0.47	0.63	4	0.93	1.27
Tillman	7,822	82,917,076				4	2.56	4.82
Tulsa	613,816	7,446,935,794	31	0.25	0.42	306	2.49	4.11
Wagoner	75,030	726,843,542	3	0.20	0.41	29	1.93	3.99
Washington	51,633	446,038,647	3	0.29	0.67	14	1.36	3.14
Washita	11,622	229,636,768	1	0.43	0.44	10	4.30	4.35
Woods	8,832	108,115,267	1	0.57	0.92	9	5.10	8.32
Woodward	20,548	283,174,665	2	0.49	0.71	12	2.92	4.24
Statewide	3,814,820	47,741,496,013	242	0.32	0.51	1,885	2.47	3.95

*Population Source: Oklahoma Department of Commerce.
**Vehicle Miles Traveled Source: Oklahoma Department of Transportation.